

DERWENT-ACC-NO: 1994-260134  
DERWENT-WEEK: 199432  
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TITLE: Radial tyre with low fuel consumption, reduced heat generation and rolling resistance - having a one pit belt with organic fibre cords, oriented parallel to the tyre equator, covered with rubber

PATENT-ASSIGNEE: BRIDGESTONE CORP[BRID]

PRIORITY-DATA: 1992JP-0345746 (December 25, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 06191208 A	July 12, 1994	N/A
014	B60C 009/18	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP06191208A	N/A	1992JP-0345746
December 25, 1992		

INT-CL (IPC): B60C009/18

ABSTRACTED-PUB-NO: JP06191208A

BASIC-ABSTRACT: The tyre has a one-ply belt in which organic fibre cores oriented almost parallel to the tyre's equator (E) are covered with a coating rubber. Stiffening rubber layer or layers contg. short fibres oriented 10-45 degrees to the belt cord's direction are provided on one or both sides of the belt. The stiffening rubber layer has anisotropic properties with large stiffness differences in the directions parallel and normal to the fibre orientation angle. The carcass cord is made of organic monofilament with a flat cross-section whose longer axis is oriented to the tyre's circumferential

direction.

ADVANTAGE - The tyre has low fuel consumption, reducing both heat generation and rolling resistance.

CHOSEN-DRAWING: Dwg.0/8

TITLE-TERMS:

RADIAL TYRE LOW FUEL CONSUME REDUCE HEAT GENERATE ROLL  
RESISTANCE ONE PIT BELT  
ORGANIC FIBRE CORD ORIENT PARALLEL TYRE EQUATOR COVER  
RUBBER

DERWENT-CLASS: A95 Q11

CPI-CODES: A08-R08A; A12-T01B;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

017 ; H0124\*R

Polymer Index [1.2]

017 ; ND01 ; Q9999 Q9256\*R Q9212 ; K9416 ; K9892 ;

B9999 B5301 B5298

B5276 ; K9381 ; B9999 B4079 B3930 B3838 B3747 ; B9999

B3758\*R B3747

Polymer Index [1.3]

017 ; S9999 S1672 ; A999 A419 ; S9999 S1218 S1070 ;

S9999 S1229\*R

S1070

Polymer Index [2.1]

017 ; P0000 ; S9999 S1672 ; A999 A782 ; S9999 S1218

S1070 ; S9999

S1229\*R S1070 ; A999 A419

Polymer Index [2.2]

017 ; B9999 B5174 B5152 B4740

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009

0011

0231

2212

2215

2219

2220

2547

2604

2628  
2826  
3252  
3258

Multipunch Codes: 017

032  
04-  
308  
309  
41&  
50&  
54&  
541  
542  
551  
560  
566  
597  
600  
651  
654  
672  
722  
723  
017  
308  
309  
311  
494  
654  
722

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1994-118776

Non-CPI Secondary Accession Numbers: N1994-205343